ISO

ORDER NO. RD-658

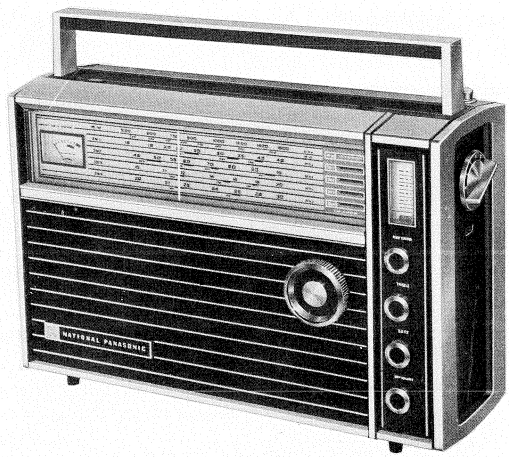
National

NATIONAL PANASONIC

Service Manual

5-BAND AC-BATTERY OPERATION PORTABLE RADIO

MODEL R-2500B



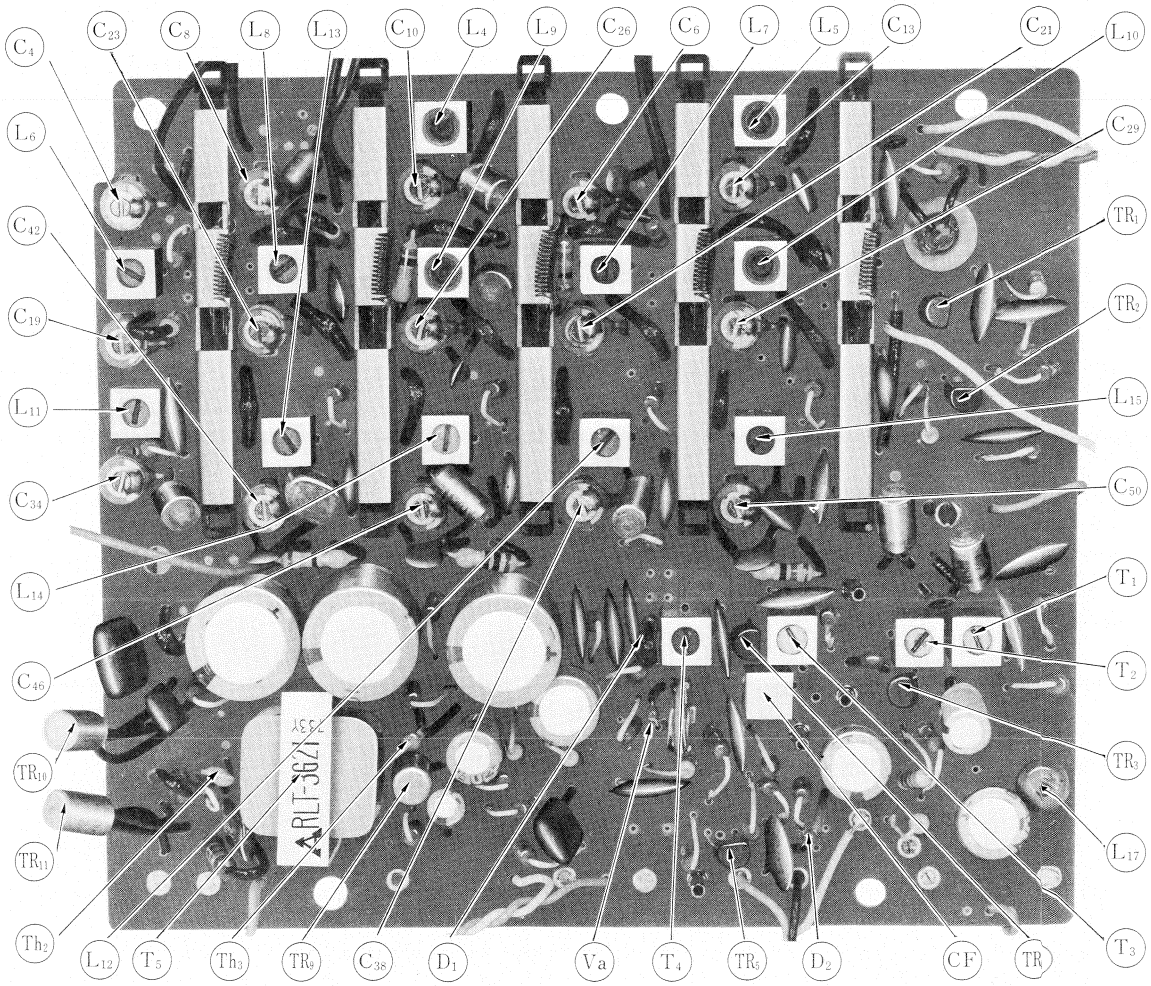
SPECIFICATIONS

Frequency Range:	MW 525~1605 kHz (571~187m) SW1 1.6~4.5 MHz (187~66.7m) SW2 4.5~10 MHz (66.7~30m) SW3 10~20 MHz (30~15m) SW4 20~30 MHz (15~10m)
Intermediate Frequency:	455 kHz
Transistors:	2SC829 RF Amplifier 2SC829 Converter 2SC829 1st IF Amplifier 2SC829 2nd IF Amplifier 2SA564 Meter Amplifier 2SB173 Pre Amplifier 2SB173 1st AF Amplifier 2SB175 2nd AF Amplifier 2SB175 3rd AF Amplifier 2SB324 / 2SB324 Power Amplifier (push-pull)
Diodes:	OA90/1N34A Detector & AGC 1S1211 Operation Compensator
Sensitivity:	MW 30μV/m for 50mW Output SW1 30μV/m for 50mW Output SW2 30μV/m for 50mW Output SW3 3μV for 50mW Output SW4 3μV for 50mW Output
Power Output:	2W Maximum
Power Source:	AC 90~110/110~125/200~220V 50 - 60 Hz or 9V (six "D" size flashlight batteries) (NATIONAL UM-1 or equivalent)
Power Consumption:	5W at 117V (AC Only)
Speakers:	12cm (5") plus 9cm (3½") PM Dynamic Speaker, Imp. 16Ω
Cabinet Dimensions:	336 (Wide) × 220 (High) × 112 (Deep) mm (13 7/32" × 8 21/32" × 4 13/32")
Weight:	4.7kg. (10 lb. 6 oz.) without batteries

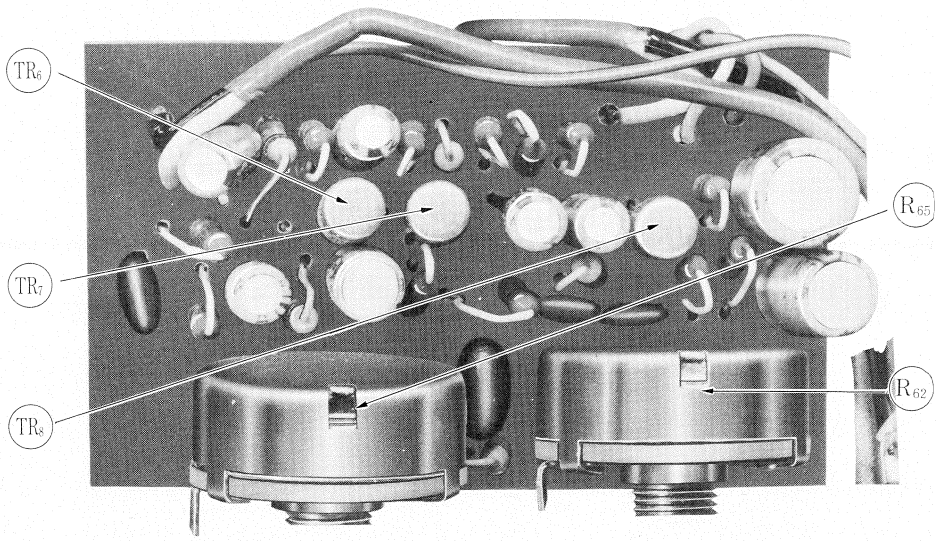
<EXPORT DIVISION>
ATSUSHITA ELECTRIC TRADING CO., LTD.
P. O. Box 288, Central Osaka, Japan

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
RADIO and STEREO DIVISION

■ COMPONENT VIEW-PARTS IDENTIFICATION

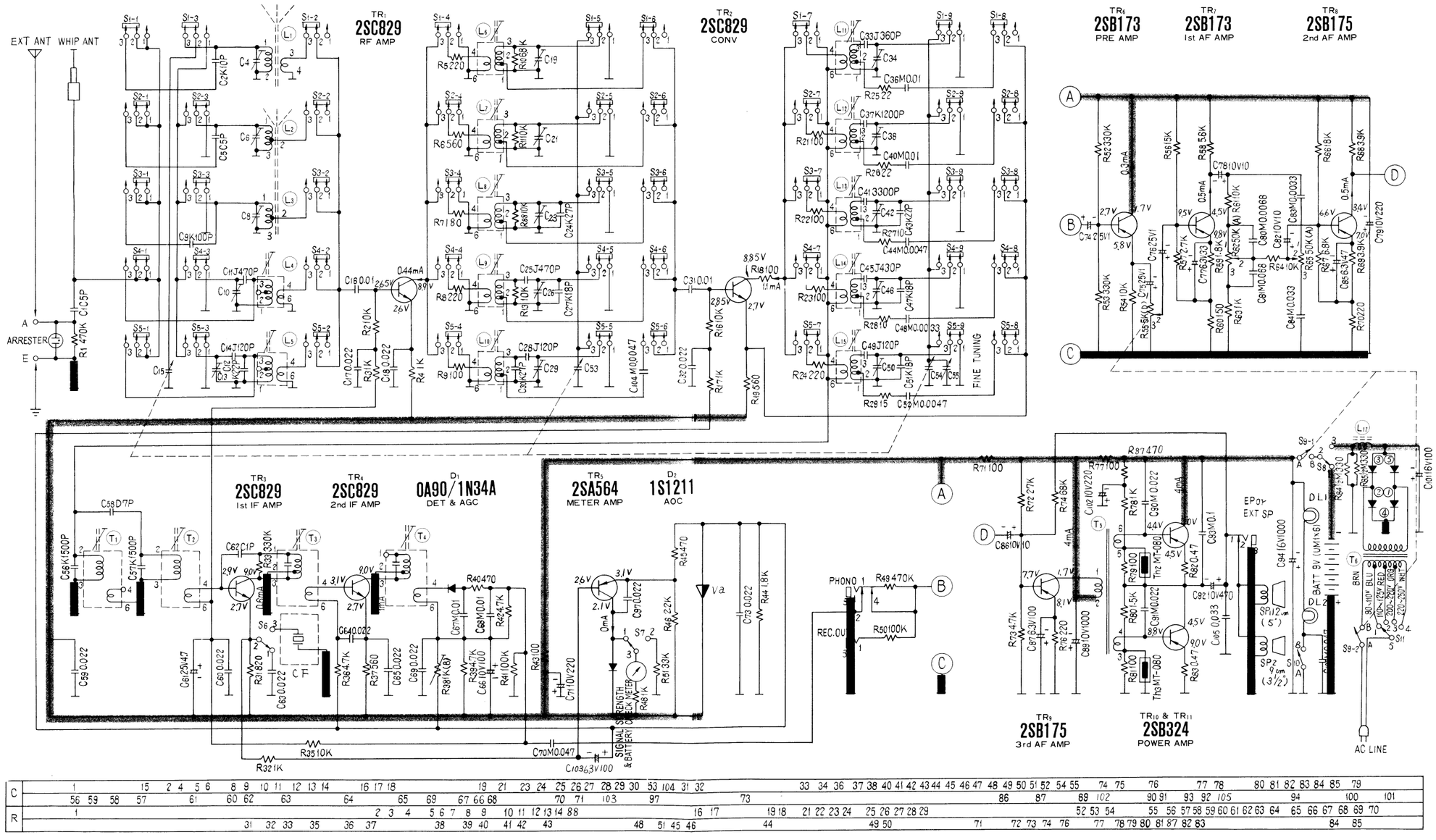


RF & IF Circuit



Audio Circuit

Schematic Diagram - Model R-2500B



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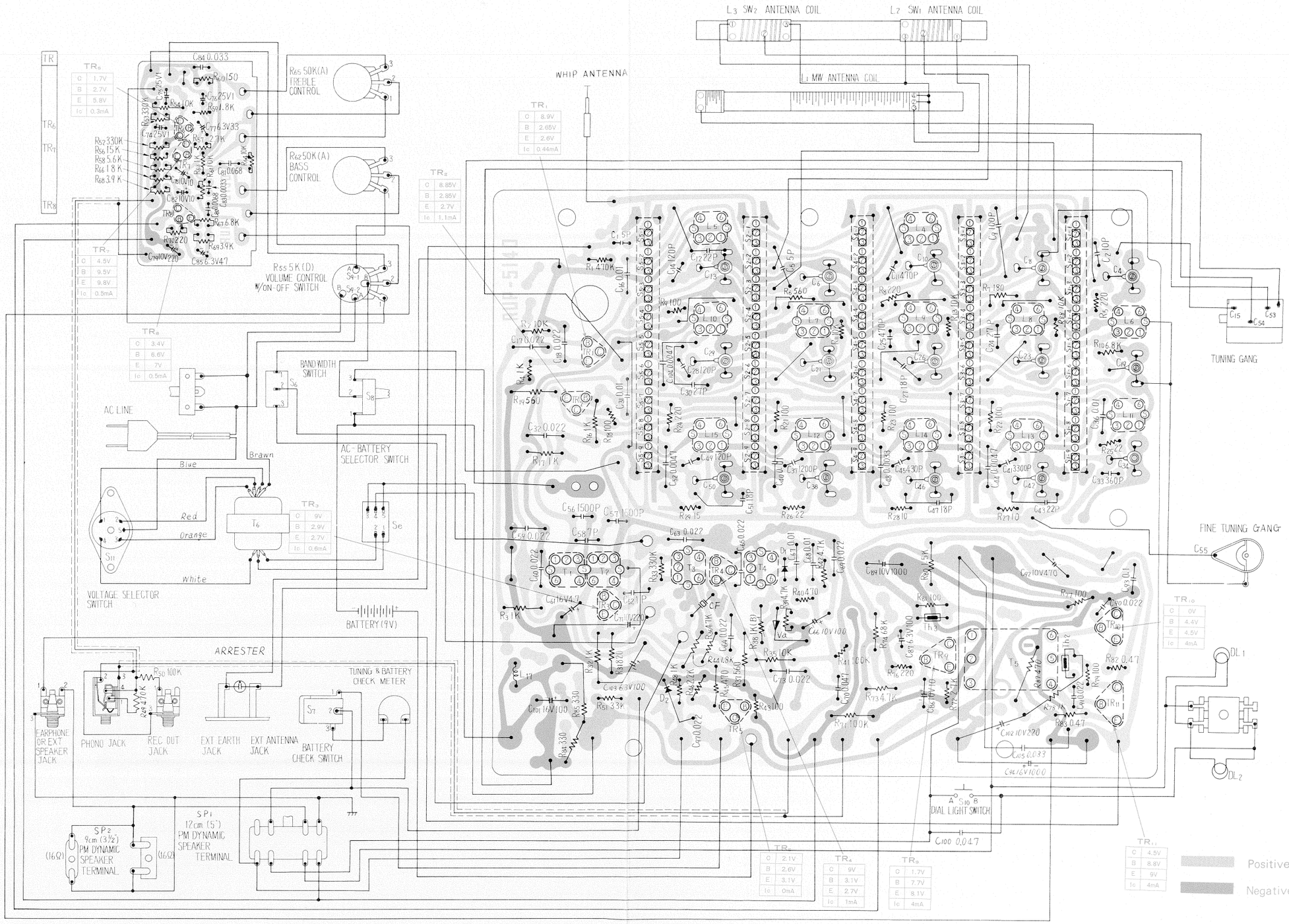
Circuit Board Wiring View - Model R-2500B



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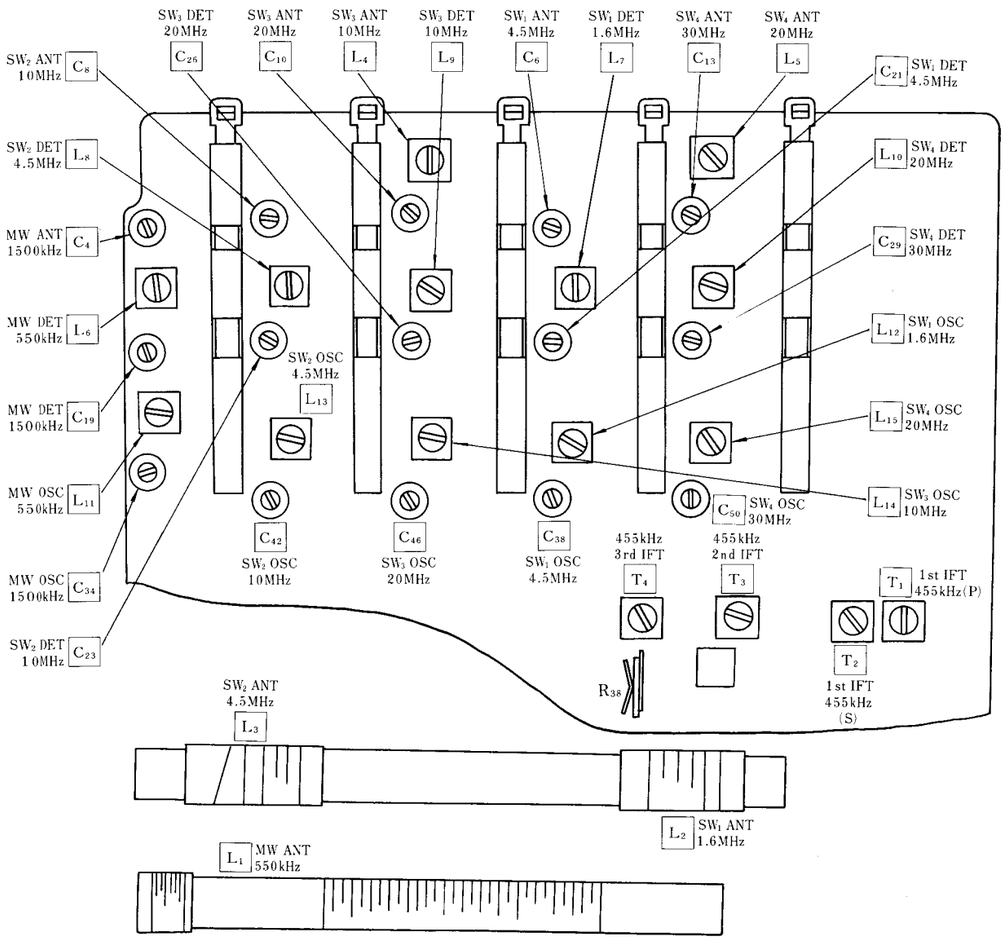
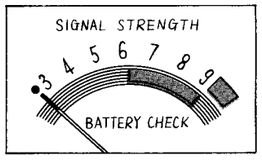
■ ALIGNMENT INSTRUCTIONS



Alignment Points



SIGNAL STRENGTH & BATTERY CHECK METER ALIGNMENT

BAND SWITCH POSITION	RADIO RECEIVER SETTING	RADIO DIAL SETTING	ADJUSTMENT	REMARKS
MW	Volume Control-------- Minimum Power Source --------- 9 volts DC	Point of non-interference (on/about 600 kHz)	R38 (Meter control)	Adjust R38 (1KΩ) so that pointer of the meter stays as shown in figure above.

ALIGNMENT POINT

1. For alignment points MW band, use distance from starting point corresponding to each alignment frequency as show in the table.
2. For alignment points other than MW band, use frequency marking of the dial scale by setting the dial pointer to the center of the frequency marking.

TABLE

Band	Frequency	Distance from "Start Point"	
MW	550 kHz	13 mm	17/32"
	1500 kHz	123 mm	4 27/32"

Output of signal generator should be no higher than necessary to obtain an output reading.
Set volume control to maximum.
Set fine tuning control to center. Set treble control to maximum.
Set power source voltage to 9 volts DC. Set band width switch to narrow when IF alignment.
Set bass control to maximum.

	Band Switch Position	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUSTMENT	REMARKS
1	MW	Fashion loop of several turns of wire and radiate signal into loop of receiver.	455 kHz (400∼ Mod.)	Point of non-interference (on/about 600 kHz)	Output meter across voice coil.	T1 (1st IFT) (P) T2 (1st IFT) (S) T3 (2nd IFT) T4 (3rd IFT)	Adjust for maximum output.
2		〃	550 kHz (400∼ Mod.)	550 kHz	〃	L1 (ANT Coil) L11 (OSC Coil) L6 (DET Coil)	Adjust for maximum output by sliding coil (L1) along ferrite core.
3		〃	1500 kHz (400∼ Mod.)	1500 kHz	〃	C4 (ANT Trimmer) C34 (OSC Trimmer) C19 (DET Trimmer)	Adjust for maximum output. Repeat steps (2) and (3).
4	SW1	〃	1.6 MHz (400∼ Mod.)	1.6 MHz	〃	L2 (ANT Coil) L12 (OSC Coil) L7 (DET Coil)	Adjust for maximum output by sliding coil (L2) along ferrite core.
5		〃	4.5 MHz (400∼ Mod.)	4.5 MHz	〃	C6 (ANT Trimmer) C38 (OSC Trimmer) C21 (DET Trimmer)	Adjust for maximum output. Repeat steps (4) and (5).
6	SW2	〃	4.5 MHz (400∼ Mod.)	4.5 MHz	〃	L3 (ANT Coil) L13 (OSC Coil) L8 (DET Coil)	Adjust for maximum output.
7		〃	10 MHz (400∼ Mod.)	10 MHz	〃	C8 (ANT Trimmer) C42 (OSC Trimmer) C23 (DET Trimmer)	Adjust for maximum output. Repeat steps (6) and (7).
8	SW3	Connect to EXT antenna & earth jack through SW Dummy antenna.	10 MHz (400∼ Mod.)	10 MHz	〃	L4 (ANT Coil) L14 (OSC Coil) L9 (DET Coil)	Adjust for maximum output.
9		〃	20 MHz (400∼ Mod.)	20 MHz	〃	C10 (ANT Trimmer) C46 (OSC Trimmer) C26 (DET Trimmer)	Adjust for maximum output. Repeat steps (8) and (9).
10	SW4	〃	20 MHz (400∼ Mod.)	20 MHz	〃	L5 (ANT Coil) L15 (OSC Coil) L10 (DET Coil)	Adjust for maximum output.
11		〃	30 MHz (400∼ Mod.)	30 MHz	〃	C13 (ANT Trimmer) C50 (OSC Trimmer) C29 (DET Trimmer)	Adjust for maximum output. Repeat steps (10) and (11).

Note : Cement antenna bobbin with wax after completing alignment.

■ TO REMOVE CHASSIS

1. Remove six (6) control knobs from cabinet.
2. Remove five (5) cabinet back cover mounting screws, Nos. 1～5, as illustrated in Fig. 1.
3. Remove cabinet back cover.
4. Pull out plugs.
5. Remove eight (8) red chassis-mounting screws, Nos. 1～8, as illustrated in Fig. 2.
6. Remove chassis completely, unsolder leadwires to lead holder terminal.
7. To reassemble, reverse the above procedure.

Notes :

1. Set dial pointer to start mark of dial back plate (refer to Fig. 3) and tuning gang to fully closed position before inserting the chassis in the cabinet.
2. When reconnecting each leadwire, refer to circuit board wiring view on page 4.

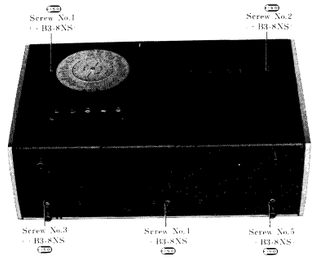


Fig. 1

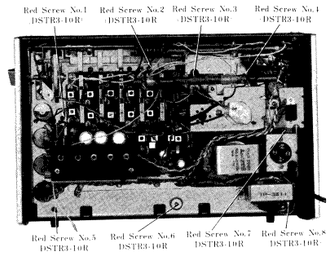

Red Screw No.1 (DSTR3-10R)
Red Screw No.2 (DSTR3-10R)
Red Screw No.3 (DSTR3-10R)
Red Screw No.4 (DSTR3-10R)
Red Screw No.5 (DSTR3-10R)
Red Screw No.6 (DSTR3-10R)
Red Screw No.7 (DSTR3-10R)
Red Screw No.8 (DSTR3-10R)

Fig. 2

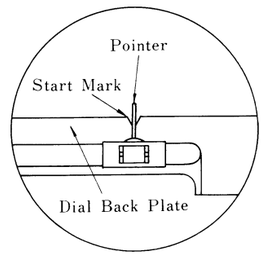


Fig. 3

■ CORD STRINGING GUIDE

Notes :

1. Dial cord length is 100cm (39⅜″).
2. Tuning gang is positioned at minimum capacity.
3. Arrow marks (1～9) indicate correct oder and direction of stringing dial cord.
4. Cement dial cord ends

To Mount Pointer Bracket

1. Set tuning gang fully closed position
2. Set pointer bracket to start mark of chassis, as illustrated in Fig. 1
3. Cement the bracket and dial cord.

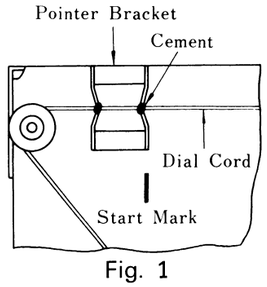


Fig. 1

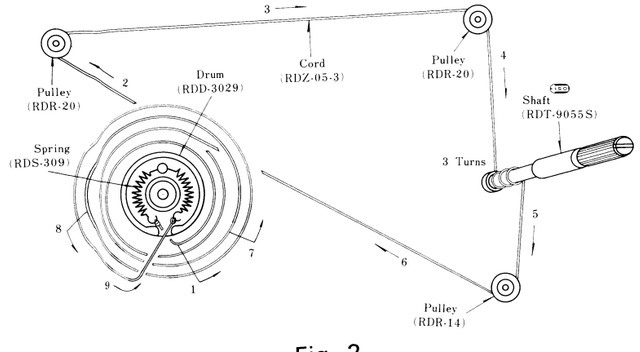


Fig. 2

Notes :

1. Remove volume scale.
2. Set volume control to "OFF" position.
3. Fasten dial cord to one end of the tension spring and attach the other end of tension spring to the chassis. Start stringing in numerical order (1～6) and fasten the dial cord end to the tension spring after removing the tension spring from the chassis.
4. Attach the dial cord to the guide.

To Mount Volume Pointer

1. Set volume control to "OFF" position.
2. Attach the cord to the pointer.
3. Set the pointer to the "OFF" mark of volume scale.

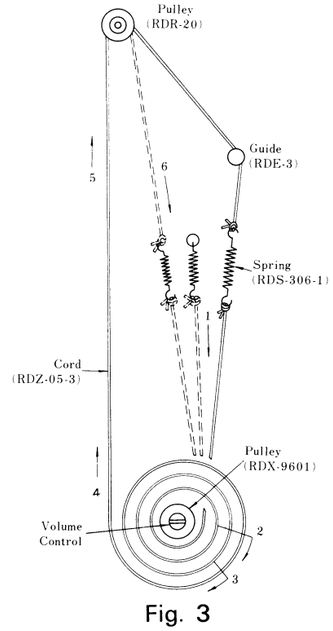
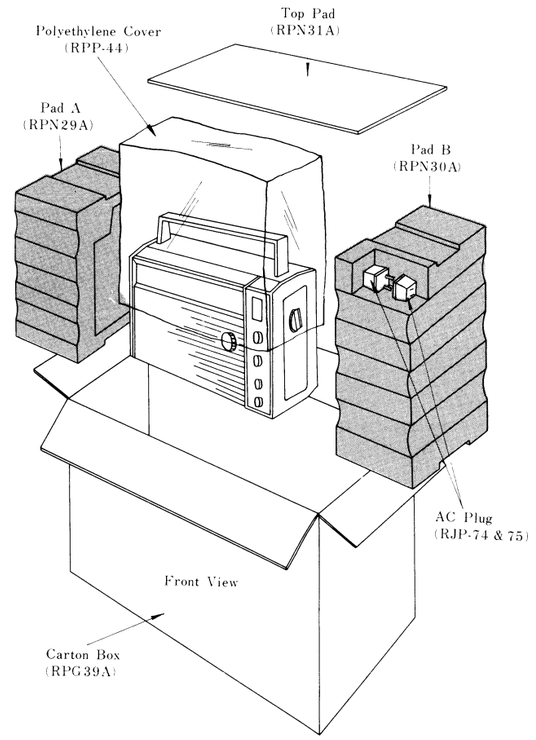


Fig. 3

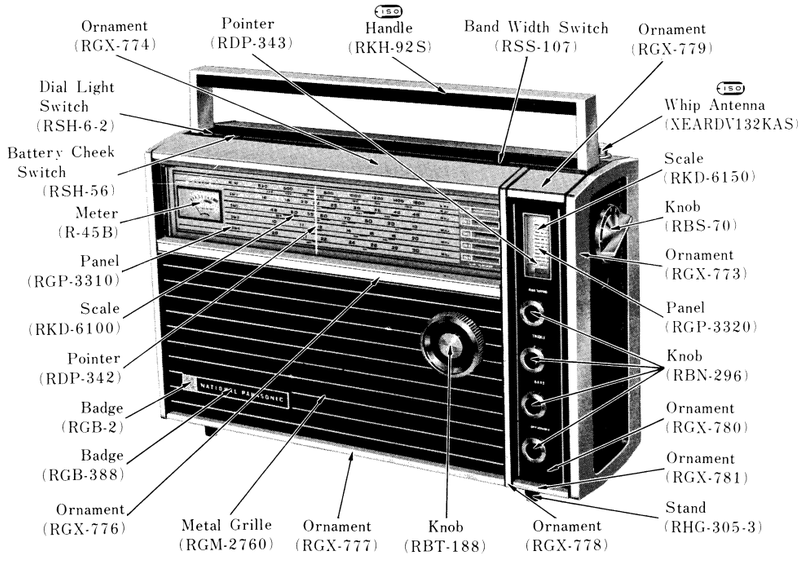
■ COMPONENT PACKING

PARTS LIST-PACKING	
Part No.	Description
RPP-44	Polyethylene Cover
RPN31A	Top Pad
RPG39A	Carton Box
RPN9003A	Pad Complete
RPN29A	Pad A
RPN30A	Pad B
RQX5008A	Instruction Book

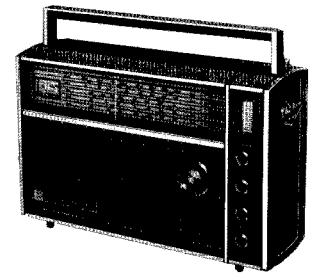


■ CABINET & APPEARANCE-PARTS IDENTIFICATION

Cabinet (Complete)
RYA-4780



REPLACEMENT PARTS LIST
RADIO MODEL R-2500B



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NOTES: 1. Part numbers are indicated on most mechanical parts. Please use this number, for parts which have no Ref.No.
2. ISO metric thread screws & parts which employ ISO metric thread screws are identified by ISO marking (ISO).
3. Ⓝ indicates the New Parts.

Ref.No.	Part. No.	Description	Per Set (Pcs.)	Remarks	Price	
TRANSISTORS AND DIODES						
TR_1	2SC829	RF Amplifier	1			
TR_2	2SC829	Converter	1			
TR_3	2SC829	1st IF Amplifier	1			
TR_4	2SC829	2nd IF Amplifier	1			
TR_5	2SA564	Meter Amplifier	1			
TR_6	2SB173	Pre Amplifier	1			
TR_7	2SB173	1st AF Amplifier	1			
TR_8	2SB175	2nd AF Amplifier	1			
TR_9	2SB175	3rd AF Amplifier	1			
TR_{10}	2SB324	Power Amplifier (push-pull)	1			
TR_{11}	2SB324		1			
D_1	0A90	Detector & AGC	1			
D_2	1S1211	Operation Compensator	1			
THERMISTORS AND RECTIFIER						
Th_2	MT-080	Temperature Compensator	1			
Th_3	MT-080	Temperature Compensator	1			
Se	R-204B	Rectifier	1			
Va	EYV-320D1R2J2	Variatite	1	Ⓝ		
CAPACITORS						
C_{48}	ECK-E05332MY	0.0033μF, 50WV, $\pm$20%, Ceramic	1			
$C_{44,52\ 104}$	ECK-E05472MY	0.0047μF, 50WV, $\pm$20%, Ceramic	3			
$C_{36,40\ 67,68}$	ECK-E05103MY	0.01μF, 50WV, $\pm$20%, Ceramic	4			
$C_{16,31}$	ECK-E05103P	0.01μF, 50WV, $\pm^{100}_{0}$%, Ceramic	2			
$C_{17,18,32,59}$ 60, 63, 64, 65 69, 73, 97	ECK-E05223P	0.022μF, 50WV, $\pm^{100}_{0}$%, Ceramic	11			
C_1	ECC-D5050C	5PF 500WV, $\pm$0.25PF, Ceramic	1			
C_{105}	ECK-E05333P	0.033μF, 50WV, $\pm^{100}_{0}$%, Ceramic	1			

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Ref.No.	Part. No.	Description	Per Set (Pcs.)	Remarks	Price	
		CAPACITORS				
C_{58}	ECC-D05070DC	7PF, 50WV, ±0.5PF, Ceramic	1			
C_{62}	ECC-D05010C	1PF, 50WV, ±0.25PF, Ceramic	1			
C_{2}	ECC-D05100KC	10PF, 50WV, ±10%, Ceramic	1			
$C_{27,47,51}$	ECC-D05180KC	18PF, 50WV, ±10% Ceramic	3			
$C_{24,30}$	ECC-D05270KC	27PF, 50WV, ±10%, Ceramic	2			
C_{9}	ECC-D05101K	100PF, 50WV, ±10%, Ceramic	1			
C_{5}	ECC-D05050CC	5PF, 50WV, ±0.25PF, Ceramic	1			
$C_{12,43}$	ECC-D05220KC	22PF, 50WV, ±10%, Ceramic	2			
$C_{14,28,49}$	ECM-S05121J-H	120PF, 50WV, ±5%, Mica	3			
C_{33}	ECQ-S1361JZ	360PF, 125WV, ±5%, Styrol	1			
C_{45}	ECQ-S1431JZ	430PF, 125WV, ±5%, Styrol	1			
$C_{11,25}$	ECQ-S1471JZ	470PF, 125WV, ±5%, Styrol	2			
C_{37}	ECQ-S05122KZ	1200PF, 50WV, ±10%, Styrol	1			
$C_{56,57}$	ECQ-S05152KZ	1500PF, 50WV, ±10%, Styrol	2			
C_{41}	ECQ-S05332KZ	3300PF, 50WV, ±10%, Styrol	1			
C_{83}	ECQ-G05332MZ-N	0.0033μF, 50WV, ±20%, Polyester	1			
C_{80}	ECQ-G05682MZ-N	0.0068μF, 50WV, ±20%, Polyester	1			
C_{84}	ECQ-G05333MZ-N	0.033μF, 50WV, ±20%, Polyester	1			
C_{81}	ECQ-G05683MZ-N	0.068μF, 50WV, ±20%, Polyester	1			
C_{93}	ECQ-G05104MZ-N	0.1μF, 50WV, ±20%, Polyester	1			
$C_{90,91}$	ECQ-G05223MZ-N	0.022μF, 50WV, ±20%, Polyester	2			
C_{99}	ECQ-G05103MZ-N	0.01μF, 50WV, ±20%, Polyester	1			
$C_{70,100}$	ECQ-G05473MZ-N	0.047μF, 50WV, ±20%, Polyester	2			
$C_{74,75,76}$	ECE-A50V1	1μF, 50WV, Electrolytic	3			
$C_{78,82,86}$	ECE-A10V10	10μF, 10WV, Electrolytic	3			
C_{77}	ECE-A6V33	33μF, 6.3WV, Electrolytic	1			
C_{85}	ECE-A6V47	47μF, 6.3WV, Electrolytic	1			
$C_{87,103}$	ECE-A6V100	100μF, 6.3WV, Electrolytic	2			
C_{66}	ECE-A10V100	100μF, 10WV, Electrolytic	1			
$C_{71,79,102}$	ECE-A10V220	220μF, 10WV, Electrolytic	3			
C_{92}	ECE-A10V470	470μF, 10WV, Electrolytic	1			
C_{89}	ECE-A10V1000	1000μF, 10WV, Electrolytic	1			
C_{101}	ECE-A16V100	100μF, 16WV, Electrolytic	1			
C_{94}	ECE-A16V1000	1000μF, 16WV, Electrolytic	1			
C_{61}	ECE-A25V4R7	4.7μF, 25WV, Electrolytic	1			

Ref.No.	Part. No.	Description	Per Set (Pcs.)	Remarks	Price	
CAPACITORS						
C4,6,8,10,13,19,21,23,26,29,34,38,42,46,50	ECV-1ZW20P12	Trimmer	15			
C55	ECV-1YWO2D50A	Fine Tuning Gang	1			
C15,53,54	CY31	Tuning Gang	1	Ⓝ		
RESISTORS						
R25,26	ERD-14VK220	22Ω, ¼Watt,±10%, Carbon	2			
R18,21,22,23,43,71,77,79,81	ERD-14VK101	100Ω, ¼Watt,±10%, Carbon	9			
R60	ERD-14VK151	150Ω,¼Watt,±10%, Carbon	1			
R5,24,76 70	ERD-14VK221	220Ω, ¼Watt,±10%, Carbon	4			
R40,45	ERD-14VK471	470Ω, ¼Watt,±10%, Carbon	2			
R6,19 37	ERD-14VK561	560Ω, ¼Watt,±10%, Carbon	3			
R 31	ERD-14VK821	820Ω, ¼Watt,±10%, Carbon	1			
R3,4,17 32,48 63	ERD-14VK102	1KΩ, ¼Watt,±10%, Carbon	6			
R80	ERD-14VK152	1.5KΩ, ¼Watt,±10%, Carbon	1			
R44 59	ERD-14VK182	1.8KΩ, ¼Watt,±10%, Carbon	2			
R46	ERD-14VK222	2.2KΩ, ¼Watt,±10%, Carbon	1			
R57	ERD-14VK272	2.7KΩ, ¼Watt,±10%, Carbon	1			
R68,69	ERD-14VK392	3.9KΩ, ¼Watt,±10%, Carbon	2			
R36,39,42,73	ERD-14VK472	4.7KΩ, ¼Watt,±10%, Carbon	4			
R58	ERD-14VK562	5.6KΩ, ¼Watt,±10%, Carbon	1			
R67	ERD-14VK682	6.8KΩ, ¼Watt,±10%, Carbon	1			
R2,16,35,54,61,64	ERD-14VK103	10KΩ, ¼Watt,±10%, Carbon	6			
R56	ERD-14VK153	15KΩ, ¼Watt,±10%, Carbon	1			
R66	ERD-14VK183	18KΩ, ¼Watt,±10%, Carbon	1			
R72	ERD-14VK273	27KΩ, ¼Watt,±10%, Carbon	1			
R74	ERD-14VK683	68KΩ, ¼Watt,±10%, Carbon	1			
R51	ERD-14VK333	33KΩ, ¼Watt,±10%, Carbon	1			
R41	ERD-14VK104	100KΩ,¼Watt,±10%, Carbon	1			
R33,52 53	ERD-14VK334	330KΩ,¼Watt,±10%, Carbon	3			

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Ref.No.	Part. No.	Description	Per Set (Pcs.)	Remarks	Price	
		RESISTORS				
R_1	ERD-14VK474	470KΩ, ¼Watt, ±10%, Carbon	1			
$R_{82,83}$	ERM-12PKR47	0.47Ω, ½Watt, ±10%, Wire	2	Ⓝ		
$R_{84,85}$	ERC-12GM331	330Ω, ½Watt, ±20%, Solid	2			
R_{55}	EVC-BOLL30D53	5KΩ(D), Volume Control/ON-OFF Switch (S_{9-1} ~ S_{9-2})	1	Ⓝ		
$R_{62,65}$	EVC-SOAL30A54	50KΩ(A), Bass & Treble Control	2	Ⓝ		
R_{38}	EVL-TOAA00B13	1KΩ(B), Meter Current Control	1			
R_{78}	ERD-14TK102	1KΩ, ¼Watt, ±10%, Carbon	1			
R_{10}	ERD-14TK682	6.8KΩ, ¼Watt, ±10%, Carbon	1			
R_9	ERD-14TK101	100Ω, ¼Watt, ±10%, Carbon	1			
R_8	ERD-14TK221	220Ω, ¼Watt, ±10%, Carbon	1			
R_7	ERD-14VK181	180Ω, ¼Watt, ±10%, Carbon	1			
R_{50}	ERD-14TK104	100KΩ, ¼Watt, ±10%, Carbon	1			
R_{49}	ERD-14TK474	470KΩ, ¼Watt, ±10%, Carbon	1			
$R_{11,13,88}$	ERD-14TK103	10KΩ, ¼Watt, ±10%, Carbon	3			
$R_{27\ 28}$	ERD-14TK100	10Ω, ¼Watt, ±10%, Carbon	2			
R_{29}	ERD-14TK150	15Ω, ¼Watt, ±10%, Carbon	1			
R_{87}	ERD-14TK471	470Ω, ¼Watt, ±10%, Carbon	1			
		COILS AND TRANSFORMERS				
L_1	RLF-2F25	MW Antenna Coil	1	Ⓝ		
$L_{2,3}$	RLF-9G5	SW_1 & SW_2 Antenna Coil	1	Ⓝ		
L_4	RLA-3B6-T	SW_3 Antenna Coil	1	Ⓝ		
L_5	RLA-3B7-T	SW_4 Antenna Coil	1	Ⓝ		
L_6	RLD-2B3-M	MW Detector Coil	1	Ⓝ		
L_7	RLD-3B2-M	SW_1 Detector Coil	1	Ⓝ		
L_8	RLD-3B3-M	SW_2 Detector Coil	1	Ⓝ		
L_9	RLD-3B4-T	SW_3 Detector Coil	1	Ⓝ		
L_{10}	RLD-3B5-T	SW_4 Detector Coil	1	Ⓝ		
L_{11}	RLO-2B56-M	MW Oscillator Coil	1			
L_{12}	RLO-3B12-M	SW_1 Oscillator Coil	1	Ⓝ		

Ref.No.	Part. No.	Description	Per Set (Pcs.)	Remarks	Price	
COILS AND TRANSFORMERS						
L_{13}	RLO-3B13-M	SW_2 Oscillator Coil	1	Ⓝ		
L_{14}	RLO-3B14-M	SW_3 Oscillator Coil	1	Ⓝ		
L_{15}	RLO-3B15-M	SW_4 Oscillator Coil	1	Ⓝ		
L_{17}	RLQ-X101-1Y	Choke Coil	1			
$T_{1,2}$	RLT-2B152-M	1st IF Transformer	2			
T_3	RLI-2B250-M	2nd IF Transformer	1			
T_4	RLI-2B450-M	3rd IF Transformer	1			
T_5	RLT-3G21	Input Transformer P=1.5KΩ:S=200Ω	1			
T_6	RLT-5K33	Power Transformer	1	Ⓝ		
SPEAKERS						
SP_1	EAS-12P70SB	12cm(5″) PM Dynamic Speaker,16Ω	1	Ⓝ		
SP_2	EAS-9P37SB	9cm(3½″) PM Dynamic Speaker,16Ω	1			
CERAMIC FILTER						
CF	EFC-A455K2	Ceramic Filter	1			
SWITCHES						
$S_1 \sim S_5$	RSH-61-1	Band Selector Switch	1			
S_6	RSS-107	Band Width Switch	1			
S_7	RSH-56	Battery Check Switch	1			
S_8	RSS-107	AC-Battery Selector Switch	1			
S_{10}	RSH-6-2	Dial Light Switch	1			
S_{11}	RSR-26	Power Source Voltage Selector Switch	1			
MISCELLANEOUS						
	RJJ-70	Jack,Phono	1			
	RJJ-78	Jack,REC.OUT & Earphone or EXT.Speaker	2			
	RJA-52	AC Cord,EXT.Power Source	1			
	RHR-111	Grommet,AC Cord	1			
	RJF-3219	Jack,EXT Antenna & Earth	1			
	RJK-1604	Case,Battery	1			
	RJC-102	Terminal,Battery	2			
	RJC-502	Spring,Battery	2			
	RUS-80	Spring,Dial Gear	1			
	RDG-7-1	Gear,Dial(thick)	1			
	RDG-605-1	Gear,Dial(thin)	1			
	XYNR26D6	Screw,Dial Gear M'tg.	1	Ⓝ		

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Ref.No.	Part. No.	Description	Per Set (Pcs.)	Remarks	Price	
		MISCELLANEOUS				
	RNW-325	Washer,Dial Gear M'tg.	1			
	RDD-3029	Drum,Dial	1	Ⓝ		
	RDS-309	Spring,Dial	2			
	RDZ-05-3	Cord,Dial,& Volume Indicator	1			
	RMS-30	Bracket,Speaker M'tg.	3			
	RMPIA	Bracket,Tuning Indicator Light	1	Ⓝ		
	RMY-76S	Heat Sink,Transisor(TR_{10} & TR_{11})	1	ISO		
	RDT-9055S	Shaft,Tuning	1	Ⓝ ISO		
	XYNR3D8S	Screw,Shaft M'tg.	4	ISO		
	RDX-803-1S	Shaft,Drum M'tg.	1	ISO		
	RDX-9601	Pulley,Volume Indicator	1	Ⓝ		
	RDG-611	Slide Gear,Band Selector	1	Ⓝ		
	RDG-9003S	Gear,Band Selector	1	Ⓝ ISO		
	RDA-43	Bracket,Dial Pointer	1	Ⓝ		
	RDS-306-1	Spring,Volume Indicator	1			
	RHGI A	Rubber Cushion,Tuning Gang M'tg.	1	Ⓝ		
	RHG-111	Rubber Cushion,Core Antenna M'tg.	4			
	RHG-102	Rubber Cushion,Neon Lamp M'tg.	1			
	RHG-211	Rubber Cushion,Dial Light M'tg.	3			
	RHG-305-3	Stand,Cabinet	4			
	DSTR3-10R	Red Screw,Chassis M'tg.	8			
	RVL-213-5	Light,Tuning Indicator,9V,0.032A	1			
	RVL-207-1	Dial Light,6V,0.04A	2			
	RVL-408	Neon Lamp,Arrester,100V,0.3mA	1			
	ESR-COO5L25AE	Band Selector Mechanism	1	Ⓝ		
		APPEARANCE				
	RYA-4780	Cabinet,(Complete)	1	Ⓝ		
	RYF-840	Cover (Complete),Cabinet Back	1	Ⓝ		
	⊕ B3-8NS	Screw,Cabinet Back Cover M'tg.	5	ISO		
	RKK-780	Cover Only,AC Cord & Earphone Box	1	Ⓝ		
	RBX-58	Slider Cover M'tg.	1			
	RKK-790	Cover Only,Battery Compartment	1	Ⓝ		

Ref.No.	Part. No.	Description	Per Set (Pcs.)	Remarks	Price	
APPEARANCE						
	XEARDV132KAS	Whip Antenna	1	ISO		
	RUL-432	Bracket,whip Antenna M'tg.	1			
	XYNR3D8S	Screw,Whip Antenna M'tg.	1	ISO		
	RDP-342	Pointer,Dial	1	Ⓝ		
	RDP-343	Pointer,Volume Indicator	1	Ⓝ		
	RKH-92S	Handle,Cabinet	1	Ⓝ ISO		
	XYNR3D8S	Screw,Handle M'tg.	4	ISO		
	RKD-6150	Scale,Volume Indicator	1	Ⓝ		
	RGM-2760	Metal Grille	1	Ⓝ		
	RGE-9001-4	Time Table	1			
	RGX-789	Pointer,Band Selector	1	Ⓝ		
	RBN-296	Knob,Volume,Bass,Treble,& Fine Tuning	4	Ⓝ		
	RBS-70	Knob,Band Selector	1	Ⓝ		
	RBT-188	Knob,Tuning	1	Ⓝ		
	R-45B	Meter,Battery Check & Tuning Indicator	1			
ACCESSORIES						
	RJP-74	AC Plug,British Type	1			
	RJP-75	AC Plug,Continental Type	1			
	RJP-3-1	Plug,EXT Phono	1			
	RJP-11	Plug,EXT Antenna	1			
	RJP-11-2	Plug,EXT Earth	1			
EP	EAE-ITB	Magnetic Earphone,8Ω	1			
	RQX5008A	Instruction Book	1	Ⓝ		
	RPN9003A	Pad Complete	1	Ⓝ		
	RPN31A	Top Pad	2	Ⓝ		
	RPG39A	Carton Box	1	Ⓝ		
	RPP-44	Polyethylene Cover	1			